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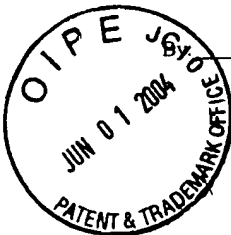
PATENT
Attorney Docket No.: 021647-000210US

Assistant Commissioner for Patents
Washington, D.C. 20231

On May 27, 2004

TOWNSEND and TOWNSEND and CREW LLP

Julie Taylor Cough



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Steven McCanne et al.

Application No.: 10/731,687

Filed: December 8, 2003

For: CONTENT-BASED
SEGMENTATION SCHEME FOR
DATA COMPRESSION IN STORAGE
AND TRANSMISSION INCLUDING
HIERARCHICAL SEGMENT
REPRESENTATION

Examiner: Not Yet Assigned

Art Unit: 2819

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

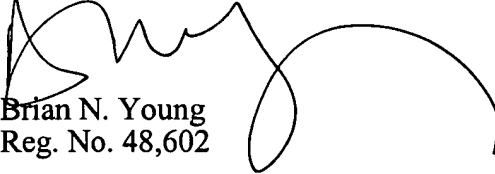
The references cited on attached form PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

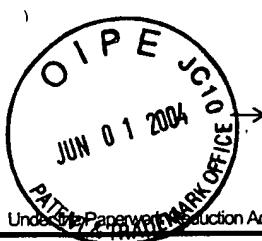
However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



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PTO/SB/08B (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/731,687
Filing Date	December 8, 2003
First Named Inventor	McCanne, Steven, et. al.
Art Unit	2819
Examiner Name	Not Yet Assigned
Attorney Docket Number	021647-000210US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	AA	US-5,737,594	04-07-1998	Williams	
	AB	US-5,822,746	10-13-1998	Williams	
	AC	US-5,990,810	11-23-1999	Williams	
	AD	US2002/0194382 A1	12-19-2002	Kausik, et al.	
	AE	US2002/0087547 A1	07-04-2002	Kausik, et al.	
	AF	US2002/0138511 A1	09-26-2002	Psounis, et al.	
	AG	US-6,163,811	12-19-2000	Porter	
	AH	US-6,415,329 B1	07-02-2002	Gelman et al.	
	AI	US 6,449,658 B1	09-10-2002	Lafe et al.	
	AJ	US 6,553,141 B1	04-22-2003	Huffman	
	AK	US 6,642,860 B2	11-04-2003	Meulenbroeks	
	AL	US 6,667,700 B1	12-23-2003	McCanne et al.	
	AM	US 6,678,828 B1	01-13-2004	Pham et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AN	SPRING, NEIL T., "A Protocol-Independent Technique for Eliminating Redundant Network Traffic", August 2000, Proceedings of (ACM) (SIGCOMM), 9 pp., URL= http://www.acm.org/sigs/sigcomm/sigcomm2000/conf/paper/sigcomm2000-3-1.pdf	
	AO	"Unleashing the True Power of Today's Networks", <u>A Peribit White Paper</u> , August 2002, pp. 1-13, URL= http://www.peribit.com/products/etc/0217w02punl.htm	
	AP	MUTHITACHAROEN, et al., "A Low-bandwidth Network File System", Symposium on Operating Systems Principles, 2001, pp. 147-187, URL= http://www.pdos.lcs.mit.edu/papers/lbfs:sosp01/lbfs.pdf	
	AQ	MELLIA, Marco et al.; "TCP Smart-Framing: using smart segments to enhance the performance of TCP"; Dipartimento di Elettronica, Politecnico di Torino, 10129 Torino, Italy, pp. 1708-1712.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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